

APPARATUS, SYSTEM, AND METHOD FOR MODELING FOR STORAGE PROVISIONING

ABSTRACT OF THE DISCLOSURE

An apparatus, system, and method are disclosed for provisioning storage resources according to a modeling policy. The modeling apparatus includes a monitoring module, a policy module, and a provisioning module. The monitoring module monitors the storage resources on the storage system. The policy module stores and maintains storage management, storage provisioning, and storage resource modeling policies. A user may access and specify these policies via a specification module. The provisioning module automatically provisions new storage resources, such as logical unit numbers (LUNs) according to the storage provisioning policies and modeling policies. The modeling policy defines a modeling strategy by which new storage resources are provisioned to include some or all of the attributes of a model storage resource.

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